

Union Carbide Corporation

Carrier's No. 28292

Name of Carrier

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading

AT ~~Manitowish~~ Manitowish ~~Ohio~~ Ohio ~~Niagara Falls, NY~~ Niagara Falls, NY 9/14, 19 84 From ~~Metals Division~~ Metals Division ~~Union Carbide Corporation~~ Union Carbide Corporation ~~Umetco Minerals Corp.~~ Umetco Minerals Corp.

For use via carrier truck under the exclusive/sole use shipments/movements

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood through out this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official Southern, Western and Illinois Freight Classifications in effect on the date hereof if this is a rail or a rail water shipment or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns

Consigned to ~~UCC Metals Division~~ Umetco Minerals Corporation SHIPPER'S ORDER NO. CUSTOMER'S ORDER NO.

Destination Uravan State Colorado County Montrose

Route

Delivering Carrier Union Carbide Corporation Car or Vehicle Initials CD122 No. 253154 Seal No. 262518

No Packages	Kind of Package, Description of Articles, Special marks, and Exceptions	*Weight (Sub to correction)	*Class or Rate	Check Column	
10	Radioactive Materials LSA n o s	43851 #			<p>Subject to Section 7 of Conditions of applicable bill of lading if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:</p> <p>The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges</p> <p>(Signature of consignor)</p> <p><input checked="" type="checkbox"/> If charges are to be prepaid, file or stamp here "To Be Prepaid"</p> <p>Third Party PREPAID (See below)*</p> <p>Received \$</p> <p>to apply in prepayment of the charges on the property described hereon</p> <p>Agent or Cashier</p> <p>Per (The signature here acknowledges only the amount prepaid)</p> <p>Charges advanced</p> <p>\$</p> <p>This shipment is correctly described</p> <p>Correct weight is _____ lbs</p> <p>Subject to verification by the</p> <p>*L.G. Evans</p> <p>Umetco Minerals Corp. P.O. Box 97 Niagara Falls, NY 14302</p>
	Radioactive Material, UN-2912				
	U-Natural				
	Uranium/Thorium Residues (From Chemical Processing)				
	0.016 Max Curies per Package				
<p>This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation</p> <p>Signed <u>G.E. Walck</u></p>					
<p>Vehicle assigned for sole use of consignor. Do not load other freight on the vehicle. do not transfer in route and do not break the seal on truck</p>					
<p>Carrier hereby acknowledges that prior to or at the time this shipment was offered for transportation the shipper provided or affixed according to applicable regulations the required placards or orange panels (including prescribed identification numbers) for each hazardous material named hereon</p> <p>Signed <u>Timothy J. Evans</u></p>					

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

~~Metals Division~~ Metals Division ~~Union Carbide Corporation~~ Union Carbide Corporation ~~Umetco Minerals Corp.~~ Umetco Minerals Corp.

Per G.E. Walck Shipper Agent
Permanent postoffice address of shipper UC 326-34

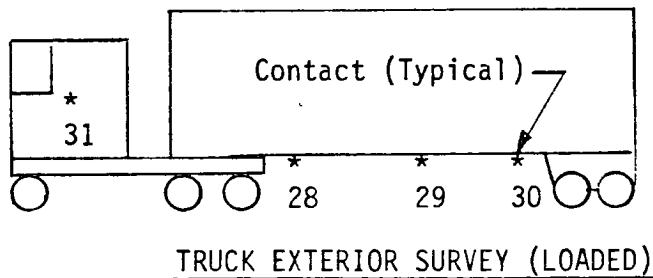
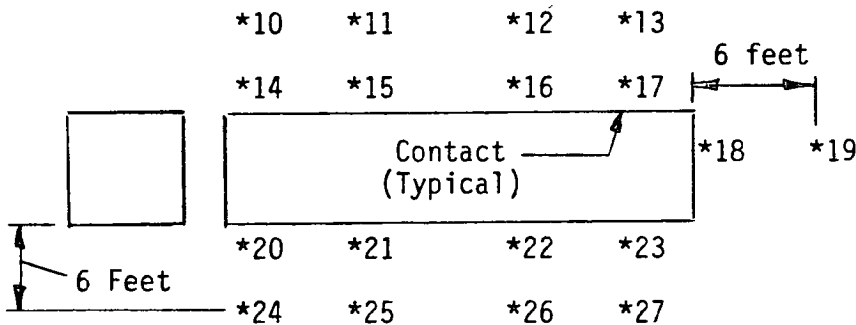
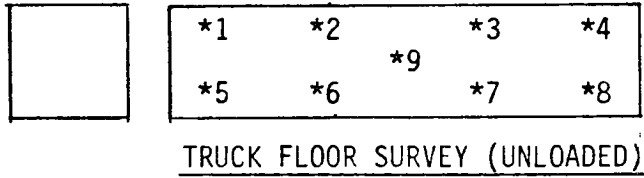
UMETCO MINERALS CORPORATION
NIAGARA FALLS, NEW YORK

DATE 9-14-84

TRACTOR NO. CD 122

SHIPMENT NO. 615-4009

TRAILER NO. 253159



NO.	δ	β
1	.005	20
2	.005	—
3	.007	—
4	.008	60
5	.004	15
6	.005	—
7	.007	—
8	.008	60
9	—	20
10	.014	—
11	.016	—
12	.019	—
13	.017	—
14	.024	—
15	.022	—
16	.023	—
17	.020	—
18	.014	—
19	.014	—
20	.030	—
21	.023	—
22	.036	—
23	.023	—
24	.012	—
25	.016	—
26	.012	—
27	.017	—
28	.080	—
29	.090	—
30	.100	—
31	.008	—

LEGEND:

* Location of Reading

δ = mR/hr Ludlum Model 19 (S/N 22534)

β = dpm/100 cm² Ludlum Model 15 (S/N 28886)
w/Ludlum Model 44-9 Probe (S/N 12708) - Eff. 42%

J. E. Walsh
(Survey performed by)

UCCNHT0002917

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-7-84

CONTAINER SURVEY

BOX CONTROL NO. UR 84-15 BOX CAULKED YES

BOX BANDED YES BOX WEIGHT 4246

RADIATION SURVEY (Total)

CONTACT .090 mR/hr.

3 FEET .020 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29472

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-11-84

CONTAINER SURVEY

BOX CONTROL NO. UR 84-59 BOX CAULKED YES

BOX BANDED YES BOX WEIGHT 4034

RADIATION SURVEY (Total)

CONTACT .070 mR/hr.

3 FEET .018 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29493

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

UCCNHT0002919

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-11-84

CONTAINER SURVEY

BOX CONTROL NO. UR84-60 BOX CAULKED YES
BOX BANDED YES BOX WEIGHT 4248

RADIATION SURVEY (Total)

CONTACT .080 mR/hr.

3 FEET .015 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29494

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-11-84

CONTAINER SURVEY

BOX CONTROL NO. UR84-61 BOX CAULKED YES
BOX BANDED YES BOX WEIGHT 5124

RADIATION SURVEY (Total)

CONTACT .032 mR/hr.

3 FEET .016 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29495

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-12-84

CONTAINER SURVEY

BOX CONTROL NO. UR 84 - 62 BOX CAULKED YES
BOX Banded YES BOX WEIGHT 5052

RADIATION SURVEY (Total)

CONTACT . 030 mR/hr.

3 FEET . 014 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMear NO. A 29 496

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-12-84

CONTAINER SURVEY

BOX CONTROL NO. UR 84 - 63 BOX CAULKED YES

BOX BANDED YES BOX WEIGHT 4798

RADIATION SURVEY (Total)

CONTACT .046 mR/hr.

3 FEET .018 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29497

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-12-84

CONTAINER SURVEY

BOX CONTROL NO. UR84-64 BOX CAULKED YES
BOX BANDED YES BOX WEIGHT 4814

RADIATION SURVEY (Total)

CONTACT .080 mR/hr.

3 FEET .018 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29498

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-12-84

CONTAINER SURVEY

BOX CONTROL NO. UR 84-65 BOX CAULKED YES

BOX BANDED YES BOX WEIGHT 2800

RADIATION SURVEY (Total)

CONTACT .044 mR/hr.

3 FEET .015 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29499

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-12-84

CONTAINER SURVEY

BOX CONTROL NO. UR 84 - 66 BOX CAULKED YES
BOX BANDED YES BOX WEIGHT 4060

RADIATION SURVEY (Total)

CONTACT .036 mR/hr.

3 FEET .015 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29501

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-12-84

CONTAINER SURVEY

BOX CONTROL NO. UR 84-69 BOX CAULKED YES

BOX BANDED YES BOX WEIGHT 4610

RADIATION SURVEY (Total)

CONTACT .050 mR/hr.

3 FEET .018 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A-29504

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

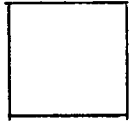
UMETCO MINERALS CORPORATION
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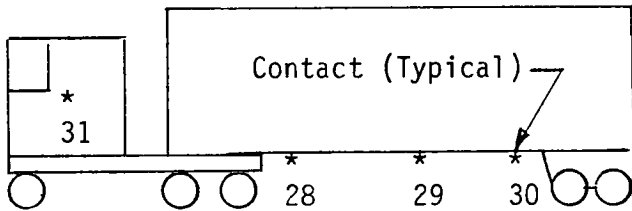
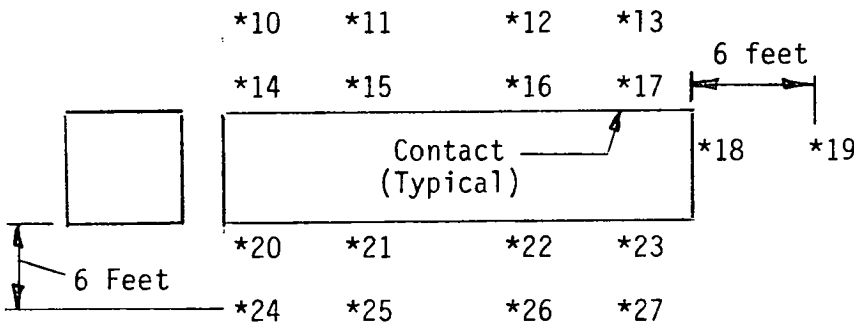
SHIPMENT NO. 615-4009

TRAILER NO. 253159



*1	*2	*3	*4
	*9		
*5	*6	*7	*8

TRUCK FLOOR SURVEY (UNLOADED)



TRUCK EXTERIOR SURVEY (LOADED)

NO.	δ	β
1	.005	20
2	.005	—
3	.007	—
4	.008	60
5	.004	15
6	.005	—
7	.007	—
8	.008	60
9	—	20
10	.014	—
11	.016	—
12	.019	—
13	.017	—
14	.024	—
15	.022	—
16	.023	—
17	.020	—
18	.014	—
19	.014	—
20	.030	—
21	.023	—
22	.036	—
23	.023	—
24	.012	—
25	.016	—
26	.012	—
27	.017	—
28	.080	—
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w/Ludlum Model 44-9 Probe (S/N 12708) - Eff. 42%

J. E. Walsh
(Survey performed by)

UCCNHT0002928